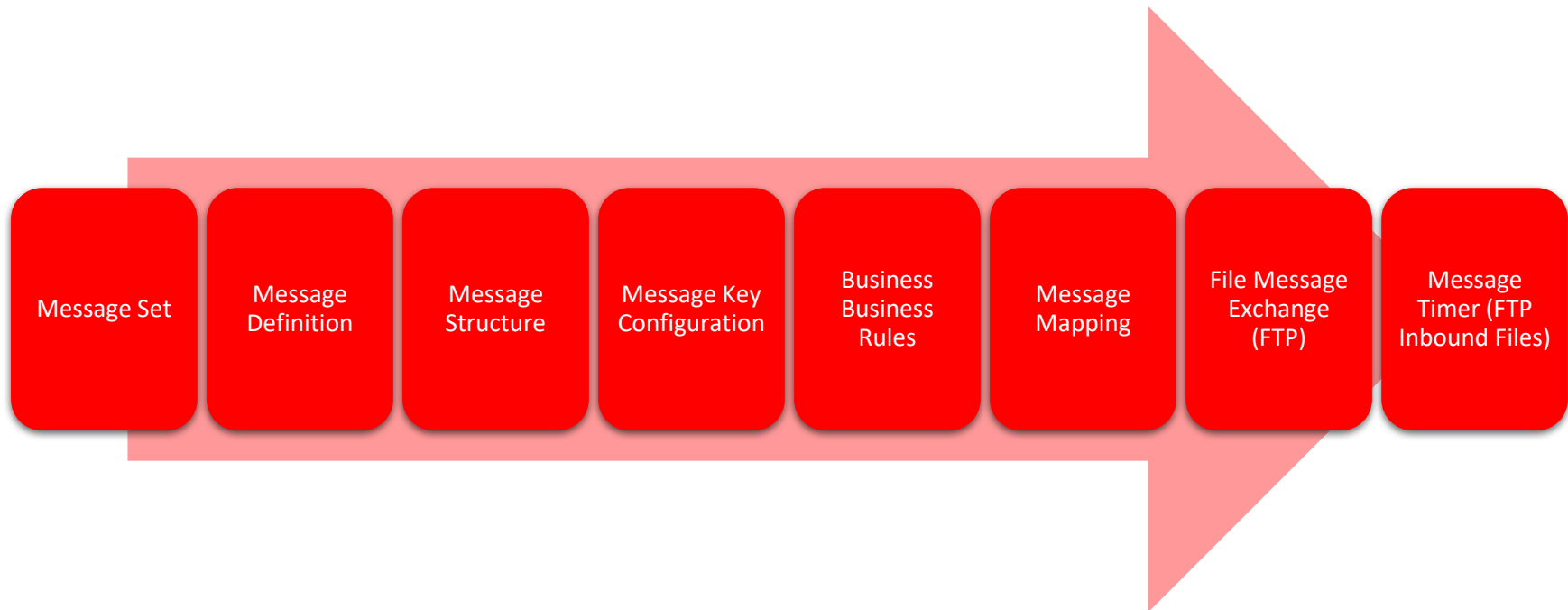


Interface Setup Modules Flow

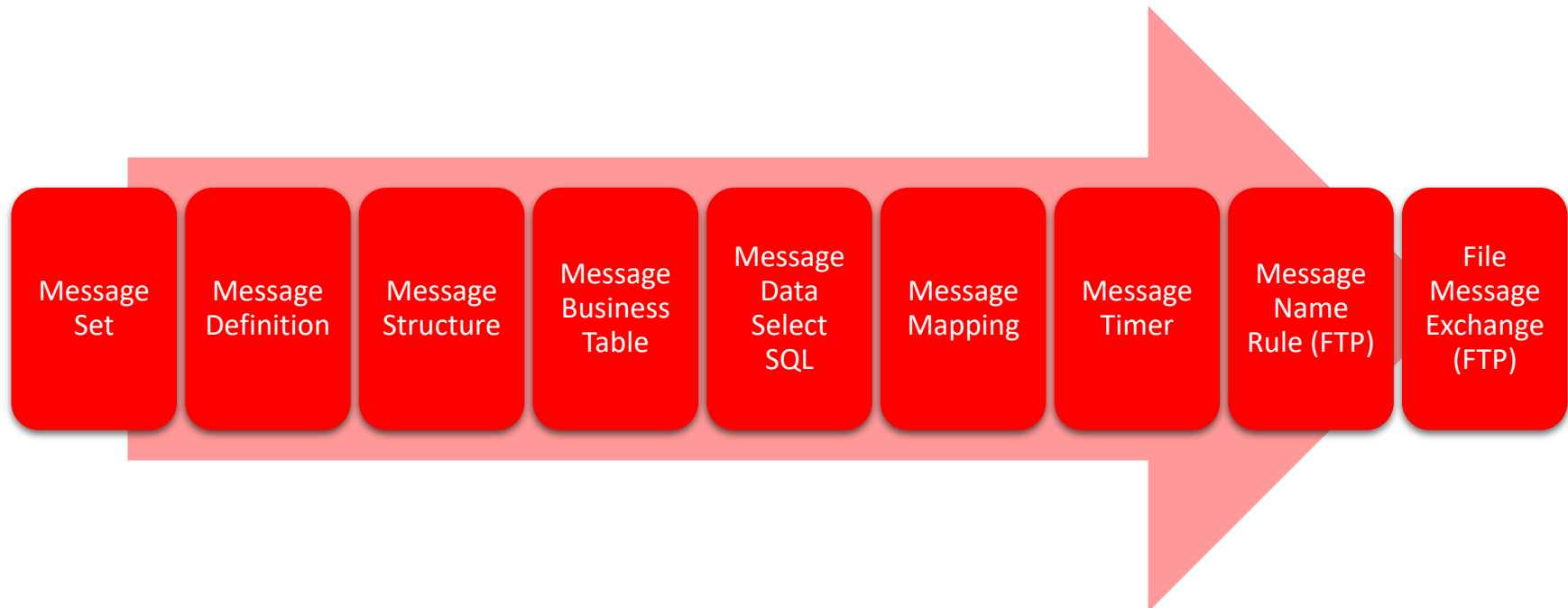
ERP → DATAHUB

- For standard interfaces **Business Table JDBC Mapping** is not needed.
- For non-standard interfaces **Message JDBC Mapping** is needed.



DATAHUB → ERP

- Message Business Table is used to show STD Info in Information Monitoring



Data Source

Main Info		User Defined	Other	
data source ⓘ		Data source character set	Database classification	Database schema
FLUXWMSDB		UTF-8	MSSQL Database	WMS_YUN
Name database	system version			
FLUXWMSDB	V6			
Database connection string				
jdbc:sqlserver://35.197.141.224:1433;databaseName=WMS_TEST				
JDBC driver class		Database connection USERNAME		Database connection PASSWORD
com.microsoft.sqlserver.jdbc.SQLServerDriver		sa		*****
Maximum number of connection pools	Minimum number of connection pools	Number of physical connections established at initialization	Maximum waiting time when getting a connection ⓘ	
10	1	1	60000	
SQL statement timeout ⓘ	Connection pool test Sql		<input checked="" type="checkbox"/> Whether to cache preparedStatement	
60000	SELECT 'x'		<input checked="" type="checkbox"/> Check if the connection is valid	
<input checked="" type="checkbox"/> Active Flag				

Database Connection String

- MYSQL – jdbc:mysql://{localhost}:3306/{dbname}
- MSSQL – jdbc:sqlserver://{localhost}:1433;databaseName={dbname}
- ORACLE – jdbc:oracle:thin:@{localhost}:1521:xe

JDBC Driver Class

- MYSQL – com.mysql.jdbc.Driver
- MSSQL – com.microsoft.sqlserver.jdbc.SQLServerDriver
- ORACLE – oracle.jdbc.driver.OracleDriver

Message Definition

Setting Up SP in Interface

FLUX DATAHUB

Message Definition

Seam Chain

AddCopyDeletePrintOperationExport

DATAHUB message...DATAHUB message...Source message e...DATAHUB m

FLUXWMSJSONSOCSOCCANCEL

Main Info

source

Message sending

Message response

advanced settings

User Defined

Other

Message sending method

数据源JNDI

后置SP STD过滤字段名

JDBC Mode Send

FLUXWMSDB

后置SP 过滤字段值(正则表达式)

后置服务STD过滤字段名

后置服务STD过滤字段值(正则表达式)

后置服务参(服务字段=STD字段)多个/分隔

后置服务ID

adapterSp名称

QJV_TD_SP_CANCEL_SO

adapterSp参数

organizationId,warehouseId,ERPOrderNo,userId,Return_Code

Message Structure

Setting Message with Multiple Details

```
<?xml version="1.0" encoding="UTF-8"?>
- <WMS_CLOUD>
  - <INTFITEM>
    <NoPI>CBT01/LTL/2020-06/2/</NoPI>
    - <ItemData>
      <LineNumber>1</LineNumber>
      <System>WMS</System>
      <SalesOrganization>1900</SalesOrganization>
      <OrderType>Z25R</OrderType>
      <DistributionChannel>LL</DistributionChannel>
      <DivisionCode>61</DivisionCode>
      <SalesOfficeCode/>
      <SalesGroupCode/>
      <SAPStorerCode>8000000010</SAPStorerCode>
      <InvoiceDate>2020-06-29</InvoiceDate>
      <Currency/>
      <SalesDistrict/>
      <Salesman/>
      <Pricelist>Z1</Pricelist>
      <AAGCust>2</AAGCust>
      <POCustomer/>
      <Reference/>
      <AJUNo/>
      <Assignment/>
      <Remarks>LAUTAN LUAS TBKJuly 2020</Remarks>
      <MaterialNo/>
      <Qty>1</Qty>
      <ChargeValue>0.0</ChargeValue>
      <InternalOrderNo/>
      <Utility/>
    </ItemData>
    - <ItemData>
      <LineNumber>1</LineNumber>
      <System>WMS</System>
      <SalesOrganization>1900</SalesOrganization>
      <OrderType>Z25R</OrderType>
      <DistributionChannel>LL</DistributionChannel>
      <DivisionCode>61</DivisionCode>
      <SalesOfficeCode/>
      <SalesGroupCode/>
      <SAPStorerCode>8000000010</SAPStorerCode>
      <InvoiceDate>2020-06-29</InvoiceDate>
      <Currency/>
      <SalesDistrict/>
      <Salesman/>
      <Pricelist>Z1</Pricelist>
      <AAGCust>2</AAGCust>
      <POCustomer/>
      <Reference/>
      <AJUNo/>
      <Assignment/>
      <Remarks>LAUTAN LUAS TBKJuly 2020</Remarks>
      <MaterialNo>Zone B</MaterialNo>
      <Qty>1</Qty>
      <ChargeValue>0.0</ChargeValue>
      <InternalOrderNo/>
      <Utility/>
    </ItemData>
```

Add
Copy
Delete
Print
Operation

Form Details
Details

Main Info
other settings
User Defined
Other

DATAHUB message...	DATAHUB message...	Message structure ...	
FLUXWMSXML	BLNG	D	O
FLUXWMSXML	BLNG	H	O

DATAHUB message set encoding
FLUXWMSXML

DATAHUB message encoding
BLNG

Message structure encoding
D

Scope
Send

Client message structure encoding
ItemData

Message structure hierarchy
Second Level

Message structure number
1

Structure type field length

Structure node path related

Structure node path

Structural ownership parent structure
H

☐ Does the structure have to exist

☐ Remarks
☒ Active Flag

Message Mapping

Mapping Shortcuts

- ❖ This step does not apply on standard APIs because mapping is done. It is only necessary if data mapping is to be done manually.

FLUX DATAHUB

Message Definition

>> + Add Copy Delete Print Operation Export Edit ...

	DATAHUB message...	DATAHUB message...	Source message e...	DATAHUB message...	Message description	Source
<input type="checkbox"/>	FLUXWMSJSON	ADJCF	ADJCF	ADJCF	getInventoryAdjustmentDocument(库存调整单明细...	H(D)
<input type="checkbox"/>	FLUXWMSJSON	ADJQ	ADJQ	ADJQ		H(D)
<input type="checkbox"/>	FLUXWMSJSON	ADJV	ADJV	ADJV	verifyInventoryAdjustment(库存调整单审核)	H(D)
<input checked="" type="checkbox"/>	FLUXWMSJSON	ASN	ASN	ASN	putASN(预期到货通知单下发)	H(D)
<input type="checkbox"/>	FLUXWMSJSON	Auxiliary		ASN_SERIAL	putASNSerialno入库对应序列号下发WMS031	H(D)
<input type="checkbox"/>	FLUXWMSJSON			CANCEL	入库取消	H(D)
<input type="checkbox"/>	FLUXWMSJSON	Datahub custom operation			(采购退货单明细接收)	H(D)
<input type="checkbox"/>	FLUXWMSJSON					H(D)
<input type="checkbox"/>	FLUXWMSJSON	Copy The Text				H(D)
<input type="checkbox"/>	FLUXWMSJSON	Exist Data Export				H(D)
<input type="checkbox"/>	FLUXWMSJSON	Delete Personal Columns				H(D)
<input type="checkbox"/>	FLUXWMSJSON				MS024-putSKUBOM	H(D)
<input type="checkbox"/>	FLUXWMSJSON				(采购退货单下发)	H(D)
<input type="checkbox"/>	FLUXWMSJSON	CGSOFCF	CGSOFCF		getRetainCompnent(退货出库明细接收)	H(D)
<input type="checkbox"/>	FLUXWMSJSON	CUSTOMER	CUSTOMER	CUSTOMER	putCustomer(客户档案基础资料下发)	HD
<input type="checkbox"/>	FLUXWMSJSON	DBASN	DBASN	ASN	putWarehouseTransfersIn(调拨入库单下发)	H(D)

Custom import
Custom export (message code)
Copy (message code)
Send sample structure generation test
结构化数据解析

Go to **Message Definition**, select the interface you want to do the mapping, right click and select **Dataview Custom Operation**, select **结构化数据解析**.

样例报文

基础设置

<?xml version="1.0"
encoding="UTF-8"?>
<ASN>

<HEADER>
<ASNTYPE>FG</ASNTYPE>
<EXPECTEDARRIVETIME1>2
020-04-06
21:53:09</EXPECTEDARRIVE
TIME1>
<ASNREFERENCE1>0000012
30997</ASNREFERENCE1>
<ASNREFERENCE2/>
<ASNREFERENCE3/>
<ASNREFERENCE4>IM-
1</ASNREFERENCE4>
<SUPPLIERID/>
<SUPPLIERNAME/>
<SUPPLIERADDRESS1/>
<SUPPLIERADDRESS2/>
<SUPPLIERADDRESS3/>
<SUPPLIERADDRESS4/>
<SUPPLIERCITY/>
<SUPPLIERCOUNTRY/>

↶ Clean

格式生成树

Insert the content of JSON/XML file in the space. Click 格式生成树 to save.

结构树

展开

收缩

ASN

- HEADER
 - ASNTYPE
 - EXPECTEDARRIVETIME1
 - ASNREFERENCE1
 - ASNREFERENCE2
 - ASNREFERENCE3
 - ASNREFERENCE4
 - SUPPLIERID
 - SUPPLIERNAME
 - SUPPLIERADDRESS1
 - SUPPLIERADDRESS2
 - SUPPLIERADDRESS3
 - SUPPLIERADDRESS4
 - SUPPLIERCITY
 - SUPPLIERCOUNTRY
 - SUPPLIERZIP
 - UDF02
 - HEDI01
 - HEDI02
 - HEDI04
 - HEDI05
 - NOTETEXT
 - CUSTOMERID
 - ORGANIZATIONID
 - WAREHOUSEID
 - ASNSTATUS
- DETAILS
 - EXPECTEDQTY_EACH
 - EXPECTEDQTY
 - DEDI01
 - DEDI02
 - NOTETEXT

预览

节点属性

结构列表

No.	结构类别	节点路径
1	H	/ASN

详细属性

消息结构

H

是否结构节点

☒

节点路径

/ASN

交换字段

字段值最大长度

200

交换字段类型

Char

交换字段格式

交换字段缺省处理

☐ 固定属性标记

Click 是否结构节点 to identify the structure of the header part and insert **H** as Header and insert **D** as Details. Click 预览 and a window will pop-up as below.

DATAHUB结构化数据配置预览对话框									
消息结构 消息映射 消息汇总信息 消息XML规则 消息参数									
No.	DATAHUB messag...	DATAHUB messag...	Message structure	Scope	Field path	Exchange field	Whether business ...	Related path rela	
1	FLUXWMSJSON	ASN	H	I	./CUSTOMERID	CUSTOMERID	<input type="checkbox"/>		
2	FLUXWMSJSON	ASN	H	I	./SUPPLIERNAME	SUPPLIERNAME	<input type="checkbox"/>		
3	FLUXWMSJSON	ASN	H	I	./HEDI04	HEDI04	<input type="checkbox"/>		
4	FLUXWMSJSON	ASN	H	I	./ASNTYPE	ASNTYPE	<input type="checkbox"/>		
5	FLUXWMSJSON	ASN	H	I	./HEDI01	HEDI01	<input type="checkbox"/>		
6	FLUXWMSJSON	ASN	H	I	./HEDI02	HEDI02	<input type="checkbox"/>		
7	FLUXWMSJSON	ASN	H	I	./SUPPLIERADDRESS2	SUPPLIERADDR...	<input type="checkbox"/>		
8	FLUXWMSJSON	ASN	H	I	./SUPPLIERADDRESS1	SUPPLIERADDR...	<input type="checkbox"/>		
9	FLUXWMSJSON	ASN	H	I	./HEDI05	HEDI05	<input type="checkbox"/>		
10	FLUXWMSJSON	ASN	H	I	./ASNSTATUS	ASNSTATUS	<input type="checkbox"/>		
11	FLUXWMSJSON	ASN	H	I	./SUPPLIERCOUNTRY	SUPPLIERCOUN...	<input type="checkbox"/>		
12	FLUXWMSJSON	ASN	H	I	./ORGANIZATIONID	ORGANIZATIONID	<input type="checkbox"/>		
13	FLUXWMSJSON	ASN	H	I	./ASNREFERENCE3	ASNREFERENCE3	<input type="checkbox"/>		
14	FLUXWMSJSON	ASN	H	I	./ASNREFERENCE2	ASNREFERENCE2	<input type="checkbox"/>		
15	FLUXWMSJSON	ASN	H	I	./ASNREFERENCE1	ASNREFERENCE1	<input type="checkbox"/>		
16	FLUXWMSJSON	ASN	H	I	./WAREHOUSEID	WAREHOUSEID	<input type="checkbox"/>		
17	FLUXWMSJSON	ASN	H	I	//DETAILS	*	<input type="checkbox"/>		
18	FLUXWMSJSON	ASN	H	I	./EXPECTEDARRIVETIME1	EXPECTEDARRI	<input type="checkbox"/>		

Current Count 44 Total Count 44 Count Each Page 44 1/1 Move To Page 1

Confirm Close

Please make sure the mappings and the requirements are correct from the pop-up window.

Field Uniqueness Checking

[illegible]

Message Parameter

Change the Name of the Header/Details

```
<?xml version="1.0" encoding="UTF-8"?>  
- <WMS_CLOUD>  
  - <INTFITEM>
```

FLUX DATAHUB

Message parameter

SEAN

AddCopyDeletePrintOperation

DATAHUB message...DATAHUB message...Parameter applicat...

FLUXWMSXMLBLNGFLUXWMSDB20

Main InfoUser DefinedOther

DATAHUB message set encodingDATAHUB message encodingParameter application jndiParameter application type

FLUXWMSXML...BLNG...FLUXWMSDB...20...

No.结构根节点文档

1<WMS_CLOUD><INTFITEM></INTFITEM></WMS_CLOUD>

结构Header存放路径结构Body存放路径结构Footer存放路径xml Document存放路径

//INTFITEM

xml Document 生成指定根节点

Message Key Configuration

This module to set the key fields for references. E.g. soReference1 is ERP Order Number and there are two files with the same ERP number sending in consequently, the first file inserted and the second updates the entries of the first file based on soReference1.

FLUX DATAHUB

Message Key Configuration

</

Message Summary Information

This module is to change the response message of the interface.

FLUX DATAHUB

Message Summary Information

Sean Chain

AddCopyDeletePrintOperationExport

DATAHUB message...DATAHUB message...Message structure ...Mapping ord

<input type="checkbox"/>	FLUXWMSJSON	INVQ	HEADER	1
<input type="checkbox"/>	FLUXWMSJSON	INVQ	HEADER	2
<input type="checkbox"/>	FLUXWMSJSON	INVQ	HEADER	3
<input type="checkbox"/>	FLUXWMSJSON	INVQ	HEADER	4

Main InfoUser DefinedOther

DATAHUB message set encodingDATAHUB message encoding

Message structure encodingMapping order

FLUXWMSJSON	INVQ	Structure Header Section	1
-------------	------	--------------------------	---

Field pathRelated pathRelated path relationshipsPath attribute name

./Response/returnCode		0	
-----------------------	--	---	--

Fixed path attributesFixed path attribute valueThe maximum length of the field valueThe starting position of the field

		100	1
--	--	-----	---

The number of decimal places in the fieldWhether the field contains decimal placesField value is required

0		Optional
---	--	----------

Field value regular check expression

Field value exampleExchange fieldExchange field data typesExchange field data format

	*	Char	
--	---	------	--

Exchange field default processing

0000	<input checked="" type="checkbox"/> Active Flag
------	---

Message Data Select SQL

This module is to extract data from database using SQL.

* Must use [Table Name] A,B,C in writing SQL

Extract Data in Batch

FLUX DATAHUB

Information Monitoring

Message Data Select SQL

DATAHUB

AddCopyDeletePrintOperationExport

DATAHUB message... DATAHUB message... Service exchange table n...

FLUXWMSXML BLNG STD_BIL_BILLING_DETAILS

FLUXWMSXML BLNG STD_BIL_BILLING_HEADER

Main Infoadvanced settingsUser DefinedOther

DATAHUB message set encoding DATAHUB message encoding Service exchange table name Message structure hierarchy

FLUXWMSXML ... BLNG ... STD_BIL_BILLING_HEADER First Level

Data extraction SELECT

SELECT A.billingNo
CONCAT(BS.warehouseId, '/', BC.customerId, '/', SUBSTR(SYSDATE(), 1, 7), '/', BS.udf02, C.udf01) AS NoPI
FROM BIL_BILLING_HEADER A
LEFT JOIN BIL_BILLING_DETAILS B ON A.billingNo = B.billingNo
LEFT JOIN BIL_SUMMARY BS
ON BS.arNo = B.billingNo
AND BS.arLineNo = B.billingLineNo
LEFT JOIN BAS_CUSTOMER_MULTIWAREHOUSE BC
ON BC.customerId = BS.customerId
AND BC.tariffId = BS.tariffId
LEFT JOIN BAS_CUSTOMER C ON C.customerId = BC.customerId
WHERE BS.arNo <> ''

Verify SQLFormat SQLSQL description

Extract related

Write back marker table fields after extraction

BIL_BILLING_HEADER.NOTETEXT

Extract the Key fieldData classification field

BILLINGNOH

Write back the field value after extractionWrite back table field value type after extr...Extraction time filter fieldDatabase extraction time difference

YCHAR0

Superior correlation

Relationship with superiorsCorrespondence to superior exchange ta...

Simple write back fieldSimple writeback failed successfully

0000/Y

☒ Active Flag☐ Whether to support batch☐ Whether batch reading is allowed

Message Business Rules

This module is to check the condition of the orders in WMS when requests are pushed into datahub.

Create Orders with Prefix (Have to setup in WMS too)

Message Business Rules

AddCopyDeletePrintOperation

DATAHUB message ... DATAHUB message ... Rule ID

FLUXWMSJSON ASN RC_Transform...

FLUXWMSJSON ASN Transforming_R

FLUXWMSJSON ASN Transforming_Si

FLUXWMSJSON ASN Transforming_Si

FLUXWMSJSON ASN Transforming_Si

Form Details

Main InfoUser DefinedOther

DATAHUB message set encodingDATAHUB message encoding

FLUXWMSJSONASN

Rule ID

RC_Transform_IDU_Util

No.

4

明细新增规则

明细更新规则

明细删除规则

目的系统指定字段

N/A

Add

N/A

☐ 关键字为空是否允许增删改

☐ 单号是否允许改变

消息ID过滤

判断字段

判断值

判断条件

规则参数5

规则参数6

规则参数7

规则参数8

规则参数9

规则参数10

规则参数11

规则参数12

规则参数13

规则参数14

规则参数15

规则参数16

规则参数17

规则参数18

Y

Y

规则参数19

处理级别

检查

增加规则

Batch Fail

Must

First Delete Then I

更新规则

删除规则

明细处理规则

First Delete Then Insert

Ignore Operation Failed

Delete All Details

User Defined Other

Other☐ System Flag

Message File Exchange

This module is to configurate the FTP connection.

- ❖ Must configure the **connection timeout** to prevent the connections to utilize the threads and causes connection jam/service stopped.
(stop processing files)

Message Code Conversion

This module is to convert any messages to any values on the outbound interfaces.

Example:

FLUX DATAHUB

Information Monitoring

Message Code Conversion

Message Name Rule

>>

+

Add

Copy

Delete

Print

Operation

Export

Edit

...

DATAHUB messag...

DATAHUB messag...

receive Send Flag

No.

Types of

☐

DATAHUB messag...

DATAHUB messag...

S

1

FIXVALUES

☐

FLUXWMSXML

SOCF_HERB

S

2

File_Count

☒

FLUXWMSXML

SOCF_HERB

S

3

HUBID

☐

FLUXWMSXML

SOCF_HERB

S

4

FILETYPE

Main Info

User Defined

Other

DATAHUB message set encoding

DATAHUB message encoding

receive Send Flag

No.

FLUXWMSXML

...

SOCF_HERB

...

Send

3

Types of

starting point

length

Location index

Warehouse Code

8

2

3

Separator mark

Time format

Fixed value

☐ Merging tags

☒ Active Flag

FLUX DATAHUB

Information Monitoring

Message Code Conversion

Message Name Rule

SEANDEBUB-BIZ-VAR-SQL

Add

Copy

Delete

Print

Operation

Export

Main Info

User Defined

Other

<input type="checkbox"/>	DATAHUB messag...	DATAHUB messag...	Conversion applica...	Conver
<input type="checkbox"/>	FLUXWMSXML	*	*	10
<input type="checkbox"/>	FLUXWMSXML	*	*	10

DATAHUB message set encoding

DATAHUB message encoding

Conversion application jndi

Conversion application status

FLUXWMSXML	***	*	***	10
Conversion type	No.	structure type	Code conversion description	
HUBID	***	1	***	*

Active Flag

Condition

When

Exchange condition 1

-

=

-

R-PEN

&&

Exchange condition 2

-

-

&&

Exchange condition 3

-

-

&&

Exchange condition 4

-

-

&&

Exchange condition 5

-

-

Value

1. Will	Message field...		Convert into	PG	Exchange field value 1
2. will	Message field...		Convert into		Exchange field value 2
3. will	Message field...		Convert into		Exchange field value 3
4. will	Message field...		Convert into		Exchange field value 4
4. will	Message field...		Convert into		Exchange field value 5

This example is showing warehouseId being converted from R-PEN to PG.

Replacing War Packs

Backup both folders and war packs → Delete all folders and war packs → Stop services → Put in new war packs → Start services

* Backup Files cannot put under the same directory.

* Kafka version in warpack must be the same with kafka installed.

Module Table in Database

Message Set - TM_BAS_CUSTOMER

Message Definition - TM_MESSAGELIST_CUSTOMER

Message Structure - TM_MESSAGELIST_CUSTOMER_STR

Message Parameter - TM_MESSAGELIST_CUSTOMER_VALUES

Message Key Configuration - TM_MESSAGE_CUSTOMER_KEY

Message Mapping - TM_MESSAGE_CUSTOMER

Message Interchange Table Definition – TM_STD_TABLE

Business Table JDBC Mapping - TM_STD_JDBC_MAPPING

Message JDBC Mapping - TM_STD_JDBC_MAPPING_CUST

Message Data Select SQL - TM_SEND_STD_TABLE

Message SQL Rules - TM_RULE_CUSTOMER_MESSAGEID_SQL

Message Business Rules - TM_RULE_CUSTOMER_MESSAGEID

Message Service – TM_DATAHUB_SERVICE

Message Timer - TC_TIMER_CUSTOMERMESSEGEID

File Message Exchange - TM_BAS EDI_TRANSFER

Information Monitoring - MongoDB

Errors

1.

```
1  {
2    "Response": {
3      "return": {
4        "returnFlag": "0",
5        "returnCode": "E930",
6        "returnDesc": "生成流水号错误 --没有配置  &#39;{&#39;{0}&#39;}&#39;",
7        "resultInfo": []
8      }
9    }
10 }
```

2.

```
1  {
2    "Response": {
3      "return": {
4        "returnFlag": "0",
5        "returnCode": "E00415",
6        "returnDesc": "xml 格式解析失败",
7        "resultInfo": []
8      }
9    }
10 }
```


Message group serial number	Message set code	Datahub message encoding	Customer message encoding
58977505890300211	FLUXWMSJSON	PO	PO
Start time	Finished running time	source	
2020-05-18 11:10:58.933	2020-05-18 11:18:16.060	119.110.224.50	
Message processing status	Message processing status description		
70	:transforming		
Message processing result code	Message processing result description		
ED0340	Transforming rule execution error:RC_Transform_IDU_Util:com.flux.collaboration.rule.wms.transform.CheckUtilIDU.process execute warning!		
Data transmission destination			
34.87.111.96:19192/datahub/FluxWms.JsonApi/			
Message file name			
Response status			
200 OK			
Request Info		Response Info	
<div>method=putPurchaseOrder&client_customerid=FLUXWMSJSON&client_db=FLUXWMSJSON&messageid=PO&appkey=FLUX&sign=1&timestamp=2020-05-18%2010%3A44%3A00&data=%7B%22xmldata%22%3A%7B%22header%22%3A%5B%7B%22warehouseId%22%3A%22TDNE-01%22%2C%22customerid%22%3A%22TD001%22%2C%22poType%22%3A%22Z9%22%2C%22docNo%22%3A%22PO20-001584%22%2C%22poReferenceA%22%3Anull%2C%22poReferenceB%22%3Anull%2C%22poReferenceC%22%3Anull%2C%22poReferenceD%22%3Anull%2C%22poCreationTime%22%3Anull%2C%22expectedArriveTime1%22%3A%222020-05-08T03%3A11%3A19.988Z%22%2C%22expectedArriveTime2%22%3Anull%2C%22hedi01%22%3Anull%2C%22hedi02%22%3Anull%2C%22hedi03%22%3Anull%2C%22hedi04%22%3Anull%2C%22hedi05%22%3Anull%2C%22hedi06%22%3Anull%2C%22hedi07%22%3Anull%2C%22hedi08%22%3Anull%2C%22hedi09%22%3Anull%2C%22hedi10%22%3Anull%2C%22supplierId%22%3A%22100438%22%2C%22supplierName%22%3A%22E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%A2%E0%B8%B2%E0%B8%AA%E0%B8%B9%E0%B8%9A%E0%B9%81%E0%B8%AB%E0%B9%88%E0%B8%87%E0%B8%9B%E0%B8%A3%E0%B8%B0%E0%B9%80%E0%B8%97%E0%B8%A8%E0%B9%84%E0%B8%97%E0%B8%A2%20%28%E0%B8%A2%E0%B8%AA%E0%B8%97.%29%22%2C%22supplierAddress1%22%3A%22%E0%B8%AD%E0%B8%B2%E0%B8%84%E0%B8%B2%E0%B8%A3%20393%20%E0%B8%AA%E0%B8%B5%E0%B8%A5%E0%B8%A1%20%E0%B8%8A%E0%B8%B1%E0%B9%89%E0%B8%99%E0%B8%97%E0%B8%B5%E0%B9%88%205-6%20%E0%B9%80%E0%B8%A5%E0%B8%82%E0%B8%97%E0%B8%B5%E0%B9%88%20393%20%E0%B8%96%E0%B8%99%E0%B8%99%20%E0%B8%AA%E0%B8%B5%E0%B8%A5%E0%B8%A1%20%</div>		<div>{\"Response\":{\"return\":{\"returnFlag\":\"0\",\"returnCode\":\"ED0340\",\"returnDesc\":\"Transforming rule execution error\",\"resultInfo\":{}}}}</div>	

3.

Message processing result description

4.

:java.lang.Exception: java.sql.BatchUpdateException: Duplicate entry 'OJV_CML-CBT01-PO200602004' for key 'PRIMARY'

Message Definition

Message Set

Message Timer

Information Monitoring

+

 Add

Copy

Delete

Print

Form Details

Time logs

View

Print

Operation

Export

Timer ID	Data Source ID	Message set encoding	Message encoding	Timer line number	operation result	Timer start time	Timer end time
RC_SINGLE_ADAPT...	FLUXWMSDB	FLUXWMSJSON	SOCBM	1	TM_MESSAGELI...	2020-07-21 12:33:...	2020-07-21 12:33:...
RC_SINGLE_ADAPT...	FLUXWMSDB	FLUXWMSJSON	SOCBM	1	TM_MESSAGELI...	2020-07-21 12:15:...	2020-07-21 12:15:...

Current Count 2 Total Count 2 Count Each Page 100

1/1

Move To Page 1

Main Info

Timer operation status

Timing method

Next time

Last run time

0

2020-07-21 12:33:21

2020-07-21 12:33:22.629

operation result

TM_MESSAGELIST_CUSTOMER_VALUEScom.flux.collaboration.storage.base.cache.ConfigMemParam@[catchId: TM_MESSAGELIST_CUSTOMER_VALUES field Info [organizationId=FLUX && datahubCustomerId=_SYS_CUSTOMERID_ && messageId=* && jndi=* && type=_SYS_DATA_GENERATE] map in Info [&& valueStr01 in (STD_TO_JSON)] map not in Info [&& null not in (null)]

5.

Timer ID

Data Source ID

Message set encoding

Message encoding

RC_SINGLE_ADAPTER

FLUXWMSDB

FLUXWMSJSON

ASNCF

Timer line number

Timer start time

Timer end time

Timer operation protection period

1

2020-07-28 20:33:03.847

2020-07-28 20:33:03.852

Timer operation status

Timing method

Next time

Last run time

0

2020-07-28 20:33:03

2020-07-28 20:33:03.847

operation result

com.flux.collaboration.broker.SingleProcess.SingleProcAdapterTimer

6.

7. System Code Missing.

9.



POST PO POST SO POST INVQ + ... No Environment

PO Examples 0 BUILD

POST http://192.168.7.202:19192/datahub/CSM/ Send Save

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

☒ method putPurchaseOrder

☒ client_customerid CSMWMSJSON

☒ client_db CSMWMSJSON

☒ timestamp 1

☒ sign 1

☒ data { ... }

Key	Value	Description
-----	-------	-------------

Body Cookies Headers (1) Test Results Status: 200 OK Time: 1031 ms Size: 496 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "Response": {
3     "return": {
4       "returnFlag": "0",
5       "returnCode": "ED00014",
6       "returnDesc": "appid:datahubConversionServer:{\"beginTime\": \"1611129864894\", \"codeValue\": \"9999\", \"codeValueOK_part\": \"false\", \"dataSignature\": \"978C503FC286C04221024046C48D502C\", \"endTime\": \"1611129865897\", \"message\": \"java.net.ConnectException: Connection refused: connect\", \"messageId\": \"E010\", \"usedTime\": \"1003\", \"verNum\": \"V115(20191110)\"}",
7       "resultInfo": []
8     }
9   }
10 }
```

Activate Windows
Go to Settings to activate Windows.

Bootcamp Build Browse

10.

Solutions

1. warehouseId is needed.

Main Info	User Defined	Other	
DATAHUB message set encoding	DATAHUB message encoding	Message structure encoding	Order of execution
FLUXWMSGDEXJSON	SO		1
SQL execution location			
Transforming Before			
SQL statement			
update STD_DOC_SO_HEADER set warehouseId = 'WH-HQ'			
SQL conditions			
warehouseId = "			
<input checked="" type="checkbox"/> Active Flag			

2. Entries in JSON file is duplicated.

Form Details

Main Info

User Defined

Other

DATAHUB message set encoding	DATAHUB message encoding	Rule ID	No.
FLUXWMSJSON	PO	RC_Transform_IDU_Util	4
明细新增规则	明细更新规则	明细删除规则	目的系统指定字段
N/A	Add	N/A	
<input type="checkbox"/> 关键字为空是否允许增删改	<input type="checkbox"/> 单号是否允许改变	消息ID过滤	判断字段
判断值	判断条件	规则参数5	规则参数6
>	N		
规则参数7	规则参数8	规则参数9	规则参数10
规则参数11	规则参数12	规则参数13	额外条件
处理级别	检查	增加规则	更新规则
Batch Fail	Must	First Delete Then Insert	First Delete Then Insert
删除规则	明细处理规则		
Ignore Operation Failed	Delete All Details		

3.

4. It is to remove DOC_PO_HEADER_UDF table in Business Interchange Table Definition module.

Main Info

User Defined

Other

User Define01	User Define02
DOC_PO_HEADER_UDF	warehouseId.poNo

5. Missing data in database, need to insert the table according to the error message displayed.


```
1 SELECT * FROM TM_MESSAGE_LIST_CUSTOMER_VALUES WHERE valueStr01='soOrderCancelCANCEL'
```

1 Result 2 Profiler 3 Messages 4 Table Data 5 Info										
(Read Only)										
<input checked="" type="checkbox"/> Limit rows First row 0 # of rows 1000										
<input type="checkbox"/>	organizationId	datahubCustomerId	messageId	jndi	type	sn	valueStr01	valueStr02	valueStr03	valueStr04
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_IN_PARAM	17411	soOrderCancelCANCEL	warehouseId		wareho
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_IN_PARAM	17511	soOrderCancelCANCEL	customerId		custom
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_IN_PARAM	172211	soOrderCancelCANCEL	orderNo		orderN
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_IN_PARAM	172311	soOrderCancelCANCEL	docType		docTyp
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_IN_PARAM	172354	soOrderCancelCANCEL	organizationId		organi
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_IN_PARAM	172355	soOrderCancelCANCEL	docNo		SOREFE
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_IN_PARAM	172356	soOrderCancelCANCEL	ocpNo		ocpNo
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_IN_PARAM	172357	soOrderCancelCANCEL	erpCancelReason		erpCan
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_IN_PARAM	172358	soOrderCancelCANCEL	erpCancelFlag		erpCan
<input type="checkbox"/>	OJV_CML	*	*	*	SYS_SERVICES_PARAM	18	soOrderCancelCANCEL	a300ubBizSrv	soProcessServiceProvider	soCanc

8.

9. TM_SEND_STD_TABLE.selectSql

栏位	索引	外键	触发器	选项	注释	SQL 预览
名	类型	长度	小数点	不是 null		
messageId	varchar	50	0	<input checked="" type="checkbox"/>		3
stdTableName	varchar	30	0	<input checked="" type="checkbox"/>		4
• levelNo	int	11	0	<input checked="" type="checkbox"/>		
insertSql	mediumtext	0	0	<input type="checkbox"/>		
▶ selectSql	mediumtext	0	0	<input checked="" type="checkbox"/>		
selectFrom	mediumtext	0	0	<input type="checkbox"/>		
selectWhere	mediumtext	0	0	<input type="checkbox"/>		
selectGroupBy	mediumtext	0	0	<input type="checkbox"/>		
selectOrderBy	mediumtext	0	0	<input type="checkbox"/>		
selectPreProc	varchar	250	0	<input type="checkbox"/>		
writebackField	varchar	250	0	<input type="checkbox"/>		
selectTimeField	varchar	80	0	<input type="checkbox"/>		
selectKeyField	varchar	250	0	<input type="checkbox"/>		
writebackValues	varchar	250	0	<input type="checkbox"/>		

默认:

注释:

字符集: utf8mb4

排序规则: utf8mb4_general_ci

键长度:

10. Go to [/data/fluxwms-configs/configW01.properties](#) and curl the link to see if connection is established.

```
#####
# 刷资源文件时需要初始化的子系统
subsystem.list=SEC,WMS,WRF_H5
#####
subsystem.list = SEC,WMS,WRF,WRF_H5,DATAHUB
#####
##国内项目(默认):
#environment_isDomestic=true
##国际项目:
environment_isDomestic=false
#####
a05SysBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a05SysBizSrv/HessianBizAction
a10BasBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a10BasBizSrv/HessianBizAction
a12RulBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a12RulBizSrv/HessianBizAction
a20InbBizSrv.wmsdomain.srvres.hessian=http://localhost:30202/a20InbBizSrv/HessianBizAction
a25InvBizSrv.wmsdomain.srvres.hessian=http://localhost:30252/a25InvBizSrv/HessianBizAction
a30OubBizSrv.wmsdomain.srvres.hessian=http://localhost:30302/a30OubBizSrv/HessianBizAction
a35TskBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a35TskBizSrv/HessianBizAction
a37BilBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a37BilBizSrv/HessianBizAction
c0001srv.wmsdomain.srvres.hessian=http://localhost:30052/c0001srv/HessianBizAction
rf10srv.wmsdomain.srvres.hessian=http://localhost:36002/rf10srv/HessianBizAction
# datahub系统监听服务
datahubServer.wmsdomain.srvres.hessian=http://localhost:29002/datahubServer/HessianBizAction
datahubAdapterServer.wmsdomain.srvres.hessian=http://localhost:29002/datahubAdapterServer/HessianBizAction

datahub01srv.wmsdomain.srvres.hessian=http://localhost:59002/datahub01srv/HessianBizAction
datahubTimerJobServer.wmsdomain.srvres.hessian=http://localhost:59002/datahubTimerJobServer/HessianBizAction
datahubTimerServer.wmsdomain.srvres.hessian=http://localhost:59002/datahubTimerServer/HessianBizAction
datahubLogServer.wmsdomain.srvres.hessian=http://localhost:59002/datahubLogServer/HessianBizAction

datahubRuleServer.wmsdomain.srvres.hessian=http://localhost:59012/datahubRuleServer/HessianBizAction
datahubToolsServer.wmsdomain.srvres.hessian=http://localhost:59012/datahubToolsServer/HessianBizAction
datahubConversionServer.wmsdomain.srvres.hessian=http://localhost:59012/datahubConversionServer/HessianBizAction
```

```
Administrator: Command Prompt

Microsoft Windows [Version 10.0.17763.107]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>curl http://localhost:59012/datahubConversionServer/HessianBizAction
curl: (7) Failed to connect to localhost port 59012: Connection refused

C:\Users\Administrator>_
```

Go to [/data/tomcat/datahubweb-1/conf/server.xml](#) to get the port and change the link to the port stated.

```
E:\data\tomcat\datahubweb-1\conf\server.xml

<?xml version="1.0" encoding="UTF-8"?>
<!-- Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright
ASF licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. -->
<!-- Note: A "Server" is not itself a "Container", so you may not define subcomponents such as "Valves" at this level. Documentation at /docs/config/server.html -->
- <Server shutdown="SHUTDOWN" port="29001">
  <Listener className="org.apache.catalina.startup.VersionLoggerListener"/>
  <!-- Security listener. Documentation at /docs/config/listeners.html <Listener className="org.apache.catalina.security.SecurityListener" /> -->
  <!-- APR library loader. Documentation at /docs/apr.html -->
  <Listener className="org.apache.catalina.core.AprLifecycleListener" SSLEngine="on"/>
  <!-- Prevent memory leaks due to use of particular java/javax APIs-->
  <Listener className="org.apache.catalina.core.JreMemoryLeakPreventionListener"/>
  <Listener className="org.apache.catalina.mbeans.GlobalResourcesLifecycleListener"/>
  <Listener className="org.apache.catalina.core.ThreadLocalLeakPreventionListener"/>
  <!-- Global JNDI resources Documentation at /docs/jndi-resources-howto.html -->
- <GlobalNamingResources>
  <!-- Editable user database that can also be used by UserDatabaseRealm to authenticate users -->
  <Resource pathname="conf/tomcat-users.xml" factory="org.apache.catalina.users.MemoryUserDatabaseFactory" description="User database that can be updated and saved"
    type="org.apache.catalina.UserDatabase" auth="Container" name="UserDatabase"/>
</GlobalNamingResources>
<!-- A "Service" is a collection of one or more "Connectors" that share a single "Container" Note: A "Service" is not itself a "Container", so you may not define subcomponents such as "Valves" ;
Documentation at /docs/config/service.html -->
- <Service name="Catalina">
  <!--The connectors can use a shared executor, you can define one or more named thread pools-->
  <!-- <Executor name="tomcatThreadPool" namePrefix="catalina-exec-" maxThreads="150" minSpareThreads="4"/> -->
  <!-- A "Connector" represents an endpoint by which requests are received and responses are returned. Documentation at : Java HTTP Connector: /docs/config/http.html Java AJP
Connector: /docs/config/ajp.html APR (HTTP/AJP) Connector: /docs/apr.html Define a non-SSL/TLS HTTP/1.1 Connector on port 29002 -->
  <Connector port="29002" redirectPort="8443" connectionTimeout="20000" protocol="HTTP/1.1"/>
  <!-- A "Connector" using the shared thread pool-->
  <!-- <Connector executor="tomcatThreadPool" port="29002" protocol="HTTP/1.1" connectionTimeout="20000" redirectPort="8443" /> -->
```


Restart Applications in Server

Linux

Datahub Services

```
[honeywell_dev1@wms-app-server /]$ cd ./data/tomcat/  
[honeywell_dev1@wms-app-server tomcat]$ pwd  
/data/tomcat
```

Go to /data/tomcat directory.

```
[honeywell_dev1@wms-app-server tomcat]$ ls  
a20-srv  a30-srv  datahubsrv-1  expbizfiles  rfweb-1      timer-a05  timer-c01  wmsweb-1  
a20-web  a30-web  datahubweb-1  rfsrv-1      shared-libs  timer-a30  wmsrv-1  
[honeywell_dev1@wms-app-server tomcat]$ cd datahubweb-1/  
[honeywell_dev1@wms-app-server datahubweb-1]$ ps -ef|grep datahub  
honeywe+ 14951  7119  0 17:25 pts/0    00:00:00 grep --color=auto datahub  
honeywe+ 25935      1  4 May21 ?        01:05:55 /data/jdk1.8.0_251/bin/java -Djava.util.logging.config.f  
ile=/data/tomcat/datahubsrv-1/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassL  
oaderLogManager -Dfile.encoding=UTF-8 -Ddefault.client.encoding=UTF-8 -Duser.timezone=Asia/Bangkok -Xms2  
048m -Xmx2048m -XX:MetaspaceSize=256M -XX:MaxMetaspaceSize=512M -Dspring.profiles.active=env3001,hessian  
-DlogFiles.location.root=/data/datahub-logs/ -DconfigFiles.location.root=/data/fluxwms-configs/ -Djava.  
awt.headless=true -XX:+HeapDumpOnOutOfMemoryError -XX:HeapDumpPath=/data/tomcat/datahubsrv-1/logs/ -Djdk  
.tls.ephemeralDHKeySize=2048 -Djava.protocol.handler.pkgs=org.apache.catalina.webresources -Dorg.apache.  
catalina.security.SecurityListener.UMASK=0027 -Dignore.endorsed.dirs= -classpath /data/tomcat/datahubsrv  
-1/bin/bootstrap.jar:/data/tomcat/datahubsrv-1/bin/tomcat-juli.jar -Dcatalina.base=/data/tomcat/datahub  
srv-1 -Dcatalina.home=/data/tomcat/datahubsrv-1 -Djava.io.tmpdir=/data/tomcat/datahubsrv-1/temp org.apach  
e.catalina.startup.Bootstrap start  
honeywe+ 26195      1  3 May21 ?        00:55:22 /data/jdk1.8.0_251/bin/java -Djava.util.logging.config.f  
ile=/data/tomcat/datahubweb-1/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassL  
oaderLogManager -Dfile.encoding=UTF-8 -Ddefault.client.encoding=UTF-8 -Duser.timezone=Asia/Bangkok -Xms2  
048m -Xmx2048m -XX:MetaspaceSize=256M -XX:MaxMetaspaceSize=512M -Dspring.profiles.active=env3001,hessian  
-DlogFiles.location.root=/data/datahub-logs/ -DconfigFiles.location.root=/data/fluxwms-configs/ -Djava.  
awt.headless=true -XX:+HeapDumpOnOutOfMemoryError -XX:HeapDumpPath=/data/tomcat/datahubweb-1/logs/ -Djdk  
.tls.ephemeralDHKeySize=2048 -Djava.protocol.handler.pkgs=org.apache.catalina.webresources -Dorg.apache.  
catalina.security.SecurityListener.UMASK=0027 -Dignore.endorsed.dirs= -classpath /data/tomcat/datahubweb  
-1/bin/bootstrap.jar:/data/tomcat/datahubweb-1/bin/tomcat-juli.jar -Dcatalina.base=/data/tomcat/datahubw  
eb-1 -Dcatalina.home=/data/tomcat/datahubweb-1 -Djava.io.tmpdir=/data/tomcat/datahubweb-1/temp org.apach  
e.catalina.startup.Bootstrap start
```

`cd datahubweb-1/` to go datahubweb-1 directory and `ps -ef|grep datahub` to check the services started. `kill -9 {Service No}` to kill the processes. `ps -ef|grep datahub` again to check if the services are killed.

```
[honeypwell_dev1@wms-app-server bin]$ pwd  
/data/tomcat/datahubweb-1/bin
```

```
[honeypwell_dev1@wms-app-server bin]$ pwd  
/data/tomcat/datahubsrv-1/bin
```

Go to the specific directory to start the specific services. `./startup.sh` to start the services. `ps -ef|grep datahub` again to check if the services are started.

Zookeeper

Start command:

`<zookeeper dir>/bin/zkServer.sh start`

Kafka

Start command:

`nohup /data/kafka_2.12-2.5.0/bin/kafka-server-start.sh /data/kafka/config/server.properties &`

Stop command:

`/data/kafka_2.12-2.5.0/bin/kafka-server-stop.sh /data/kafka/config/server.properties`

Mongodb

Start command:

/etc/init.d/mongodb start

Windows

Go to the **Task Manager** to kill the services.

Start the services by **Windows Services**.

Checking Datahub Version

Linux

```
[honeywell_dev1@wms-app-server /]$ cd ./data/tomcat/datahubweb-1/webapps/datahubAdapterServer/WEB-INF/classes/updatenotes/
```

```
[honeywell_dev1@wms-app-server updatenotes]$ cat UpdateNotes.txt
```

```
-----V6.0.15(20200229)-----  
20200227 liuhaifeng - 【功能完善】缓存处理类采用接口调用方式处理  
20200223 wangtao- 【功能完善】 新增SOAP里面套取XML的代码修改SOAPClientV2.以及JSON发送缓存对象类型的修改  
20200108 liuhaifeng - 【功能完善】 POM增加同步导出jar  
20191229 wangtao- 【功能完善】 新增需要保存滚动得cache得实现,新增httpcache传递对象.  
20191226 wangtao- 【功能完善】 http json param参数从缓存中获取功能新增  
20191226 wangtao- 【错误修复】 合develop后提交  
20191223 wangtao- 【错误修复】 JDBCInAdapter BUG修复是否空传入缓存Map lsLevel0SQLInfo/lsLevel1SQLInfo 传入cachemap  
20191222 wangtao- 【错误修复】 文件接收接口字符集读配置.缺省utf-8 JDBCInAdapter第0层时间滚动字段为空判断
```

The top line is the latest version.

Appendix

- ```
SELECT c.name AS ColName, t.name AS TableName
FROM sys.columns c
JOIN sys.tables t ON c.object_id = t.object_id
WHERE c.name LIKE '%MyCol%';
```
- configW01.properties is used to check the port utilized by datahub.

```
a05SysBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a05SysBizSrv/HessianBizAction
a10BasBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a10BasBizSrv/HessianBizAction
a12RulBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a12RulBizSrv/HessianBizAction
a20InbBizSrv.wmsdomain.srvres.hessian=http://localhost:30202/a20InbBizSrv/HessianBizAction
a25InvBizSrv.wmsdomain.srvres.hessian=http://localhost:30252/a25InvBizSrv/HessianBizAction
a30OubBizSrv.wmsdomain.srvres.hessian=http://localhost:30302/a30OubBizSrv/HessianBizAction
a35TskBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a35TskBizSrv/HessianBizAction
a37BilBizSrv.wmsdomain.srvres.hessian=http://localhost:30052/a37BilBizSrv/HessianBizAction
c0001srv.wmsdomain.srvres.hessian=http://localhost:30052/c0001srv/HessianBizAction
rf10srv.wmsdomain.srvres.hessian=http://localhost:36002/rf10srv/HessianBizAction
datahub系统监听服务
datahubServer.wmsdomain.srvres.hessian=http://localhost:29002/datahubServer/HessianBizAction
datahubAdapterServer.wmsdomain.srvres.hessian=http://localhost:29002/datahubAdapterServer/HessianBizAction

datahub01srv.wmsdomain.srvres.hessian=http://localhost:59002/datahub01srv/HessianBizAction
datahubTimerJobServer.wmsdomain.srvres.hessian=http://localhost:59002/datahubTimerJobServer/HessianBizAction
datahubTimerServer.wmsdomain.srvres.hessian=http://localhost:59002/datahubTimerServer/HessianBizAction
datahubLogServer.wmsdomain.srvres.hessian=http://localhost:59002/datahubLogServer/HessianBizAction

datahubRuleServer.wmsdomain.srvres.hessian=http://localhost:59002/datahubRuleServer/HessianBizAction
datahubToolsServer.wmsdomain.srvres.hessian=http://localhost:29002/datahubToolsServer/HessianBizAction
datahubConversionServer.wmsdomain.srvres.hessian=http://localhost:29002/datahubConversionServer/HessianBizAction
```

- Validation for ASN API on Receiving Location

Honeywell WMS

System Config

>>

AddCopyDeletePrintOperationExportEdit...

| <div><input type="checkbox"/></div> | Config ID   | Config Descr          | Config Level | Category  | Default Value | Active Flag | System Flag |
|-------------------------------------|-------------|-----------------------|--------------|-----------|---------------|-------------|-------------|
| <div><input type="checkbox"/></div> | DFT_RCV_LOC | Default Receiving ... | WCO          | INB-Order | RECV-001      | Y           | Y           |